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TITLE: New vitamin D cpds. - useful in treatment of, e.g., cancer, diabetes, psoriasis or transplant rejection

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2097997 A	December 9, 1994	N/A	038	C07C401/00
JP 07017947 A	January 20, 1995	N/A	026	C07C401/00

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ABSTRACTED-PUB-NO: CA 2097997A

BASIC-ABSTRACT:

Vitamin D cpds. of formula (I) are new: R₁ = H or OH; R₂ = 1-3C alkyl, hydroxy(1-3C)alkyl, 1-2C alkoxyethyl, 2-3C alkenyl or 2-3C alkynyl; R₃ = an opt. branched, opt. unsatd., aliphatic 3-5 membered hydrocarbon or oxahydrocarbon biradical, contg. at least 3 atoms in the main chain and being opt. substd. by one or more epoxy, fluoro and/or OH gp.; R₄ = H or Me; or A + B = CH₂.

(I) are useful in treatment of diabetes, inflammatory diseases, osteoporosis, renal osteodystrophy, osteomalacia, skin disorders (e.g. psoriasis, eczema, dermatitis, etc.), myopathy, leukaemia, breast and colon cancer, osteosarcomas, squamous cell carcinomas, melanoma, transplant rejections and immunological disorders. They may also be used for wound healing and may be incorporated in cosmetic compsns. for protection of skin. (I) may also be used for diagnostic purposes. Admin. is oral, topical or parenteral.